



the RARA RAG

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ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 55

MARCH 2003

NO.7

Ham Internet Radio Linking Project

Jim Stefano W2COP

I will be demonstrating the ability to communicate with hams around the world over your radio or PC, using the Internet Radio Linking Project or Echolink PC software.

The conversations are in digital quality audio and can be one-on-one or one-to-many. Contacts can be made through your HT, Mobile Radio or PC, to gateways that are linked to Repeaters or VHF/HF base radios. There are currently over 85,000 registered users of this Voice over IP technology in addition to thousands of casual users.

RaRa MEETING

MARCH 7, 2003

8:00 PM

HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.

IRLP

PRESENTED BY

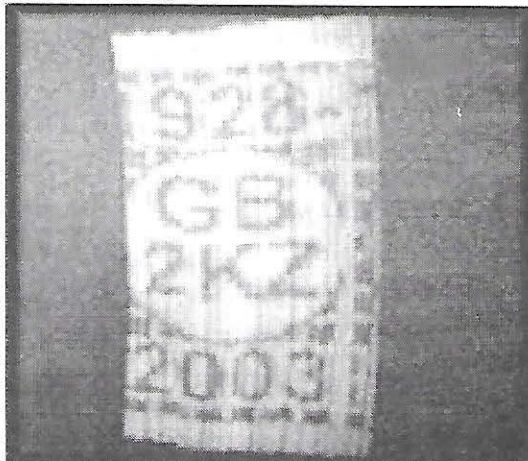
Jim Stefano W2COP

Radio Amateurs Revisit TV History

Ed Gable K2MP

Curator, AWA Museum

Seventy-five years ago the recognized leader in television development, Mr. John Logie Baird, made history when he transmitted the first TV signal across the Atlantic.



To celebrate this event, the very active Narrowband Television Association (NBTV), made up mostly of Radio Amateurs in the event.

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P.O. Box 93333, Rochester, NY 14692-8333

RARA Hotline 442-0587 Website: www.rochesterham.net

Editor.....Raymond R. Pickens WA2MYG
215 Mystic Lane Rochester, NY 14623-5426 (585) 334-8724
Internet: wa2myg@rochester.rr.com

Managing Editor.....John A. (Jack) Kuecken KE2QJ
2 Round Trail Drive Pittsford, NY 14534-3202 (585) 381-5455
Internet: ke2qj@aol.com

Assistant Editor.....George E. Platteter AA2FO

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OFFICERS:

President: Marykay Vesco, KC2DPG.....381-7773

Internet: kc2dpg@aol.com

Vice-President: George Platteter, AA2FO.....334-4488

Internet: aa2fo@localnet.com

Secretary: Bill Kasperkoski, WB2SXY.....334-7640

Internet: wb2sxy@arrl.net

Treasurer: Richard Goslee K2VCZ.....334-1762

Internet: rgoslee@rochester.rr.com

BOARD OF DIRECTORS:

Dale Fravel, N2LWY.....581-1175

Internet: n2lwvy@arrl.net

Keith Freeberg, N2BEL.....458-8246

Internet: n2bel@frontiernet.net

Edwin Holdsworth, N2EH.....624-1929

Internet: n2eh@frontiernet.net

Bill Hopkins, AA2YV.....586-5009

Internet: w1hopkin@naz.edu

George Masny, KA2GPJ.....377-7853

Internet: ka2gpj@arrl.net

Greg Michels, KC2GXV.....217-9708

Internet: kc2gxv@arrl.net

Jack Tripp, W2JAT.....381-7757

Internet: w2jat@arrl.net

Club Historian: Ed Gable, K2MP

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Membership Chairman: George Masny, KA2GPJ

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Public Relations: Keith Freeberg, N2BEL

License Class Director: Raymond R. Pickens, WA2MYG

Web Page Administrator: Peter Fournia, W2SKY

Club Station Trustee: Edwin Holdsworth, N2EH

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RARA RAG 2

THE PREZ SAYS....

Mary Kay Vessco KC2DPG

I wanted to thank everyone who was able to attend our February meeting. We had several guests, including ARRL Section Manager Scott J. Bauer, W2LC. We also had some new hams and members attending their first meeting. Jon Arney, WB3LHI assisted by some RIT Students, presented a wonderful program. They showed us how Amateur radio is flying high at the Rochester Institute of Technology

The campus amateur radio club, K2GXT, has been operating real-time ATV onboard radio controlled model aircraft and a blimp. This was a combine project with several other campus clubs. If you missed this presentation, do a search of their callsign, K2GXT on the Internet. They maintain their own web site of projects including several links. These RIT Students and their blimp are planning on attending the Rochester Hamfest for hands on demonstration!! You definitely don't want to miss that one.

As we near spring, remember that April 15, 2003 is the deadline for RaRa Scholarship applications to be accepted. Do you know anyone planning on attending college in the summer or fall. They just need to be a ham and a member of RaRa, both of which can be accomplished before the April Deadline.

Thinking of spring, that's when our elections take place. If you know a member of RaRa that would make a great Officer or Board member...Pass on the information and we will forward to the nominating committee.

This will bring us to the Hamfest. In preparation of the Rochester Hamfest, please email any vendor you think would be interesting to have in attendance, to see if they are coming to the Rochester Hamfest, Then pass this vendor name along to other hams and ask them to send the same request. If the vendor receives enough requests to come he may decide to attend. We want to have the Biggest Hamfest ever.

Mark your calendar for June 15, 2003. This is the date for our annual picnic at Ellison Park. We plan on having a great time filled with free food, fun and games, including another fox hunt. Don't miss it this year!!

Our next meeting will be March 7, 8:00 at PM, East Henrietta Rd. Fire Hall. The topic of the

CONTINUED PAGE FIVE

CONTINUED FROM REVIST TV PAGE ONE
United Kingdom, decided to re-create the event

In 1928, Baird and his associates transmitted the historic signal from England to W2CVJ in Hartsdale, NY. The equipment of the time was an all mechanical TV consisting of a spinning disk with 30 offset holes around the perimeter. With the disk spinning rapidly in front of a flat neon gas panel, a 30 line raster would be created. Now, turn that neon light source on and off in sync with an identical spinning disk in front of a photocell at the transmitter, and you had a crude but functional 30 line TV. This is the technology that Baird used and is what the NBTv group made a replica of. Searching for a NY station to be the USA side, the NBTv group located the AWA Museum in Bloomfield, NY, and a very willing and enthusiastic Museum Curator, Ed Gable, K2MP. Ed received equipment from England as well as modifying a Kenwood R-1000 to have an AM receiver with a flat response to 12 kHz. On the British side a special TV transmitter, running wideband AM with a power of 400 watts and crystal controlled in 21.310, was specially built for the task. Test transmissions began in January and took several weeks of trying before signals were finally received on February 6, 2003, with good results. The actual 75th anniversary date was the 8th of February with the NBTv group celebrating with events at UK's Amberley Museum.

Those in attendance included Baird family members, former Baird employees and interested onlookers. The equipment was capable of producing very useable pictures but needed very good signals, something very difficult to achieve on the crowded 15 meter band with a required 12 kHz bandwidth. SSB signals in the passband were numerous and intolerable. None-the-less, many good pictures were received with the absolute best picture received when three things occurred simultaneously; all three SSB signals stopped, the selective fading disappeared and the signal peaked to over S-9. There it was a perfect picture of the video transmitter identification, GB2KZ.

The operators at GB2KZ, Ted G3GMZ, Peter, G4JNU and Vic G3SDQ, as well as all in attendance were very pleased. For further information on the sponsoring organization visit the AWA Museum at www.antiquewireless.org, the NBTv association at *CONT. NEXT COLUMN*

RaRa Rag 20 Years Ago, March 1983

Ed Gable K2MP

The program this month was way up there, over the top as we would say today. Why? Well the topic was on Amateur uses of frequencies over 1 Gigahertz by Dan Pedtke, KW2T, then Chairman of the Rochester VHF Group. The venue continued to be the Forty and Eight Club on University Avenue which seemed to be gaining acceptance after two meetings there so far. RaRa announced the start of their Advanced Class, class starting March 8th with Harold Munday, KD2K and Ron Jakubowski, K2RJ, instructors. In the RDXA column, it was reported that Mike Rice, KB2SG, was to be this month's speaker. Mike, an attorney, spoke on the legal ramifications of tower installations. The Rochester VHF Group and the Rochester Repeater association (RRRA) announced their combined annual auction held at the Scottsville Road Police and Fire Academy. President Ed Holdsworth, N2EH, announced that RaRa has purchased a new computer to handle membership and mailing labels for the Club. The brand new Radio Shack TRS-80 Model III, with optional disk drive, is now being loaded with membership data. Membership Chairman Irv Goodman, AF2K, verified his list by publishing the calls of 120 people who have not renewed, saying "your call should not be on this list, if it is...call me." Ed Holdsworth, N2EH, again, this time as ARES/RACES director, reported that a recent RACES meeting brought in 38 members interested in public service. Ken Vilone, KC2TR, wrote asking opinions on if there would be enough support for him to start a used Amateur Equipment outlet in the area. Frank Kryss, W2QJM, ex-8AKK, a DX'er and RDXA member, was reported a Silent Key. A new advertiser was F.C. Sound (Frank Cataldo N2DKI) offering all kinds of audio equipment and service. From the Want Ads you could buy QST and 73 Magazines from Dave, N2CSB.

CONTINUED FROM PREVIOUS COLUMN
Www.NBTv.wyenet.co.uk and the Ambery Museum at www.amberymuseum.uk

THINK AMATEUR RADIO

RARA RAG 3

Patrick J. Hoke, Sr. W2DN 1910 – 2003

Ed Gable K2MP

It is with deep regret that we report the passing of Pat, W2DN, of Greece. Many of you remember Pat from his days at Rochester Radio Supply Co. where he and Vic, W2RIS, ran the Amateur Radio section. Pat started in Utica, NY, at the age of 16 when he got the call 8CYG. Later he worked for WIBX in Utica where he "Ran the Board and read the meters" as they used to say. One night when expecting a live network feed for the evening Broadcast, nothing happened... no audio, no program. So what did Pat do? He got in front of the microphone and started singing! And sing he did, right into the Big Band era and ended up signing for the Ray Nobel and Paul Whiteman bands, to name a few. During the War Pat wound up in the US Army Signal Corps at Fort Monmouth, NJ, where he taught Morse code. He was pretty darn good at it too, as he and many of his Army buddies kept in touch fulfilling a life time friendship via high speed CW. After the war Pat started a local radio repair business that lasted for many years until his move with the Atomic Energy Commission as a Technician on several programs at Kodak's Lincoln Avenue plant. It was there that Pat met someone named Ed Gable. Mr. Gable told Pat he had a son who was interested in ham radio and Pat said "bring 'em over to see the shack." Mr. Gable, my Dad, did that and that's how and when I met Pat Hoke, W2CYG. His last exciting and varied career move was to Rochester Radio. The later years were not kind to Pat. Illness made his beloved high speed Morse hard to handle, despite attempts with electronic keyers and then keyboards. It was over a year ago that he made his last SSB contacts with his old Army buddies. Whenever you finished a conversation with Pat he would say "God Bless you." You've heard him do that. And he meant it! And we mean it today, God bless you Pat, I know you have found happiness beyond our understanding... and if there's a Big Band up there, man the joint is jumping now. 73 old timer...

RaRa HOTLINE

(585) 442-0587
24/7

RaRa RAG 4

Awards Chairman

Greg Michels, KC2GXV

Congratulations to the winners of the awards drawing at the February 7, 2003 club meeting!

George Platteter, AA2FO Pyrex Baking Dish with Insulated Food Carrier

Ed Gable, K2MP One-year subscription to *CQ Amateur Radio Magazine*

Marykay Vesco, KC2DPG One-year subscription to *CQ VHF Magazine*

I have a stock of great prizes for the next meeting so hope you can make it!

FOR SALE:

T-50H Aluma heavy duty Tower. 50 feet tall, rated for 100 Mile winds and tilts to work on the antenna. Retails for \$2,500. Asking \$2,250. Detailed technical specs at <http://www.alumatower.com>.

Also, Yaesu G-1000SDX heavy duty antenna rotor. Retails for \$469 + S&H. Asking \$400. Buy both

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RaRa Amateur Radio License Testing

All Elements Needed To Complete
A License Class

SATURDAY

MARCH 15, 2003

Registration – 8:30 AM

Testing – 9:00 AM

Monroe Community Hospital

(South Entrance)

435 E. Henrietta Road

Rochester, NY

(Enter complex off East Henrietta Rd.
bear to the left, just before the third speed
bump. The south entrance will be on your
right. Park in lot to your left)

SCHOLARSHIP REMINDER

Dick Goslee K2VCZ

The deadline for submitting applications for the third annual RaRa Memorial Scholarship is April 15, 2003. The "Rochester Amateur Radio Association Memorial Scholarship" has been established with generous donations made in memory of Leland Zwack, W2WPF, William Buchan, W2OMV and William Resch, K4VOS. The scholarship is available to any licensed Amateur Radio operator who is or will be pursuing any degree of Associate level or higher in any accredited school beyond high school. The individual must be a member of RaRa and a resident of New York State. The scholarship is for one individual for one year, but the recipient may reapply for subsequent years.

Applications for the scholarship may be obtained at RaRa general meetings, by mail at P.O. Box 93333, Rochester, NY 14692-8333 or by calling the RaRa phone at 442-0587. Additional information and a copy of the application are available on the Rochester Amateur Radio Association web site www.rochesterham.org/ or from one of the officers.

Additional "tax exempt donations" in memory W2WPF, W2OMV, K4VOS or any other

RaRa LICENSE CLASS

Ray Pickens WA2MYG

We started with 23 students and 21 bodies (a word of explanation two students are taking two courses each) on February 10th in the second week we had three more students sign up with two more possible, Those were no-shows likely due to the weather. Bottom line being, four in the Extra Class Theory, five In the General Class theory, with seventeen in the Code/Technician theory Class.

I understand that one possible student showed up at 111 Westfall Rd. since the building was all dark turned around and went back home. All information concerning the curtailment of all Amateur Radio related activities (with the exception of the K2JD club station) during the week of September 9, 2002

Is readily available on RaRa's web site www.rochesterham.org and is included in K2KWK's Hilltop Bulletins normally aired at 20:45 Sundays following Newsline alternating between the 146.880 and the 146.790 repeater Systems and again on Tuesdays at 20:00 following Newsline on the 145.110 repeater system.

RAG DEADLINE 3/18/2003

silent key may be sent to: Rochester Amateur Radio Association, Inc., Memorial Scholarship, P.O. Box 93333, Rochester, NY 14692-8333.

CONTINUED FROM PREZ SAYS PAGE TWO

Program: Internet Radio Linking Project (IRLP) by Jim Stefano W2COP. Please stop by and bring a guest for this great social gathering. See you there!

SILENT KEY

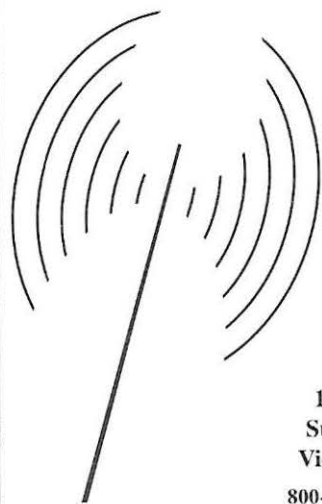
Patrick J. Hoke, Sr. W2DN January 22, 2003

RRRA AUCTION 3/21/2003

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WELCOME

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RaRa RAG 5



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